

## Abstract

5 The present invention uses a CDMA base transceiver system that performs wireless communications through the use of a CDMA method. The invention thereby copes with a plurality of communication methods, through the use of that system, through an efficient construction of the system, simply by changing the software even if making no changes of, for example, the hardware. For example, a base band part is constructed by using an FPGA for processing a chip-rate signal through FPGA program data and a DSP for processing a symbol-rate signal through DSP program data. Through the use of program data setting means, it is possible to change the FPGA program data used by the FPGA and the DSP program data used by the DSP to program data that corresponds to a different type of communication method.